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Attorney's Docket No.: MP0337-13361-055001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Ravi Narasimhan Art Unit: Unknown
Serial No.: 10/693,566 Examiner: Unknown
Filed : October 23, 2003
Title : A MIMO-OFDM PREAMBLE FOR CHANNEL ESTIMATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Applicants call attention to the attached Information Disclosure Statement and the document listed on form PTO-1449.

This filing is being made before the receipt of a first Office action on the merits. No fee is required.

Consideration of the foregoing and enclosure plus the return of a copy of the enclosed form PTO-1449 with the Examiner's initials in the left column per MPEP 609 are earnestly solicited along with an early action on the merits.

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

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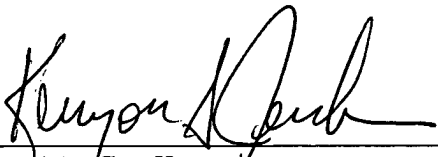
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Respectfully submitted,

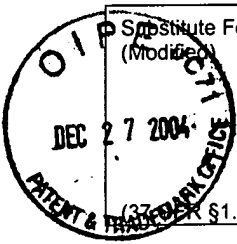
Date: December 16, 2004



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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. MP0337-13361-055001	Application No. 10/693,566
Information Disclosure Statement by Applicant (Use several sheets if necessary)		Applicant Ravi Narasimhan	
		Filing Date October 23, 2003	Group Art Unit

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AQ	"Part 16: Air Interface for Fixed Broadband Wireless Access Systems", IEEE Standard 802.16 (October 2004); pgs. 1-857.
	AR	
	AS	
	AT	

Examiner Signature	Date Considered
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EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.